

WHAT IS CLAIMED IS:

1. A dock-like automatic fluid recycle device comprising an upper cistern, an outlet, a plurality of basin, a plurality of transmission device, a plurality of pump, a generator, a lower cistern and a water pipe, wherein the improvement comprises: the basins are ranked along an inclined plane one by one as a ladder, the highest basin connects the upper cistern by the outlet, and each basin has an automatic water gate on the side and a pump in the lower cistern; the generator, installed the lower port of the outlet, is a device which converts water flow into electrical power; the lower cistern, installed under the lowest basin, stores the water drains from the lowest basin; the water pipe connects the pumps and the upper cistern; and, each of the pumps, driven by a corresponding of transmission device, drains the water from the lower cistern, and the water flows along the water pipe to the upper cistern.
2. The dock-like automatic fluid recycle device as claimed in Claim 1, wherein each transmission device comprises a floating plate, a screw, a transmission shaft, a gearbox, a flywheel, and an oil pressure pump, transfers the potential energy of water to mechanical energy; the floating plate, sunk in the water of the basins, connects the transmission shaft with the screw; the transmission shaft, installed at the center of each transmission device, drives the hydraulic pump, and the flywheel transmits the power, produced by the hydraulic pump, to the gearbox.